

DCINAZ 57734-50
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05 JAN 2005

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

PCT

To:
ROBERT L. BUCHANAN
EDWARDS & ANGELL, LLP
P.O. BOX 9169
BOSTON, MASSACHUSETTS 02209

RECEIVED
AUG 18 2003
EDWARDS & ANGELL, LLP
IP DOCKETING DEPT. (BOS)

INVITATION TO CORRECT DEFECTS IN
THE INTERNATIONAL APPLICATION

(PCT Articles 3(4)(i) and 14(1) and Rule 26)

Applicant's or agent's file reference 57734-PCT	Date of mailing (day/month/year) 14 Aug 2003
International application No. PCT/US03/21142	REPLY DUE within 1 months/days from the above date of mailing
Applicant ROGER WILLIAMS MEDICAL CENTER	International filing date (day/month/year) 03 Jul 2003

1. The applicant is hereby invited, within the time limit indicated above, to correct, in the international application as filed, the defects specified on the attached:

Annex A
 Annex B1 (*text matter of the international application as filed*)
 Annex C1 (*drawings of the international application as filed*)

2. The applicant is hereby invited, within the time limit indicated above, to correct, in the translation of the international application furnished under Rule 12.3 or 12.4, the defects specified on the attached:

Annex A
 Annex B2 (*text matter of the translation of the international application*)
 Annex C2 (*drawings of the translation of the international application*)

Additional observations (if necessary):

HOW TO CORRECT THE DEFECTS?

Correction must be submitted by filing a replacement sheet embodying the correction and a letter accompanying the replacement sheet, which shall draw attention to the difference between the replaced sheet and the replacement sheet. A correction may be stated in a letter only if it is of such a nature that it can be transferred from the letter to the record copy without adversely affecting the clarity and direct reproducibility of the sheet onto which the correction is to be transferred (Rule 26.4).

ATTENTION

Failure to correct the defects will result in the international application being considered withdrawn by this receiving Office (see Rule 26.5 for further details).

A copy of this invitation and any attachments has been sent to the International Bureau

and the International Searching Authority

Correct Defects
Edwards & Angell LLP

101 Federal St. Boston, MA 02110

Docketed For 83103-914103

By CW

Approved

Name and mailing address of the receiving Office
Mail Stop PCT, Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450
Facsimile No. 703-305-3230

Authorized officer
Sigfried Hostad
Telephone No. 703-365-3680

The receiving Office has found the following defects in the international application as filed:

1. As to signature* of the international application (Rules 4.15 and 90.4), the request:
 - a. is not signed
 - b. is not signed by all the applicants
 - c. is not accompanied by the statement referred to in the check list in Box No. VIII of the request explaining the lack of the signature of an applicant for the designation of the United States of America
 - d. is signed by what appears to be an agent/common representative but:
 - the international application is not accompanied by a power of attorney appointing him
 - the power of attorney accompanying the international application was not signed by all the applicants
 - e. other (*specify*): _____

* All applicants must sign, including inventors if they are also applicants (e.g. where the United States of America is designated).

2. As to indications concerning the applicant, the request (Rules 4.4 and 4.5):
 - a. does not properly indicate the applicant's name (*specify*): _____
 - b. does not indicate the applicant's address
 - c. does not properly indicate the applicant's address (*specify*): _____
 - d. does not indicate the applicant's nationality
 - e. does not indicate the applicant's residence
 - f. other (*specify*): _____
3. As to the language of certain elements of the international application, other than the description and claims (Rules 12.1(c) and 26.3ter(a) and (c)):
 - a. the request is not in a language of publication accepted by this receiving Office; (the) language(s) accepted by this receiving Office is/are: _____
 - b. the text matter of the drawings is not in the language in which the international application is to be published, which is: _____
 - c. the abstract is not in the language in which the international application is to be published, which is: _____
4. The title of the invention:
 - a. is not indicated in Box No. I of the request (Rule 4.1(a))
 - b. is not indicated at the top of the first sheet of the description (Rule 5.1(a))
 - c. as appearing in Box No. I of the request is not identical with the title heading the description (Rule 5.1(a))
5. As to the abstract (Rule 8):
 - the international application does not contain an abstract

This receiving Office has found that, with regard to the presentation of the drawings of the international application as filed, the physical requirements are not complied with to the extent that compliance therewith is necessary for:

1. reasonably uniform international publication (Rules 11 and 26.3(a)(i)) (*defects to be specified*):

Sheets containing drawings:

- a. the sheets do not admit of direct reproduction
- b. the sheets are not free from creases, cracks, folds
- c. one side of the sheets is not left unused
- d. the paper of the sheets is not flexible/strong/white/smooth/non-shiny/durable
- e. the drawings do not commence on a new sheet
- f. the sheets are not connected as prescribed (Rule 11.4(b))
- g. the sheets are not A4 size (29.7cm x 21cm)
- h. the minimum margins on the sheets are not as prescribed
(top: 2.5cm; left side: 2.5cm; right side: 1.5cm; bottom: 1cm)
- i. the file reference number indicated on the sheets does not appear in the left-hand corner of the sheets, within 1.5 cm of the top of the sheets
- j. the file reference number exceeds the maximum of 12 characters
- k. the sheets are not free from frames around usable or used surfaces
- l. the sheets are not numbered in consecutive Arabic numerals (e.g. 1/3, 2/3, 3/3)
- m. the sheet numbers are not centered at the top or bottom of the sheets
- n. the sheet numbers are in the margin (see h. above for the size of the margins)
- o. the sheets contain alterations/overwritings/interlineations/too many erasures
- p. the sheets contain photocopy marks

Drawings (Rule 11.13):

- a. do not admit of direct reproduction
- b. contain unnecessary text matter
- c. contain words so placed as to prevent translation without interference with lines thereof
- d. are not executed in durable black color; the lines are not uniformly thick and well-defined
- e. contain cross-sections not properly hatched
- f. would not be properly distinguishable in reduced reproduction
- g. contain scales not represented graphically
- h. contain numbers, letters and reference lines lacking simplicity and clarity
- i. contain lines drafted without the aid of drafting instruments
- j. contain disproportionate elements of a figure not necessary for clarity
- k. contain numbers and letters of height less than 0.32 cm
- l. contain letters not conforming to the Latin, and where customary, Greek alphabets
- m. contain figures on two or more sheets which form a single complete figure but which are not able to be assembled without concealing parts thereof
- n. contain figures which are not properly arranged and clearly separated
- o. contain different figures not numbered in consecutive Arabic numerals
- p. contain different figures not numbered independently of the numbering of the sheets
- q. are not restricted to reference signs mentioned in the description
- r. do not contain reference signs that are mentioned in the description
- s. contain the same feature denoted by different reference signs
- t. are not arranged in an upright position, clearly separated from one another
- u. are not presented sideways with the top of the figures at the left side of the sheets

2. satisfactory reproduction (Rules 11 and 26.3(b)(i))

Further observations (if necessary):

ALL NEW SHEETS/DRAWINGS ARE REQUIRED.